

## SEQUENCE LISTING

<110> National Research Council of Canada

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O'CONNOR-McCOURT, Maureen

<120> A NEW LIGAND-PSEUDORECEPTOR SYSTEM FOR

GENERATION OF ADENOVIRAL VECTORS WITH ALTERED TROPISM

<130> 2139-32PCT

<150> US 60/514,532

<151> 2003-10-24

<160> 21

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> E-coil

2/9

&lt;400&gt; 1

Glu Val Ser Ala Leu Glu Lys

1

5

&lt;210&gt; 2

&lt;211&gt; 7

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; K-coil

&lt;400&gt; 2

Lys Val Ser Ala Leu Lys Glu

1

5

&lt;210&gt; 3

&lt;211&gt; 34

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Primer to amplify EGFR signal sequence

&lt;400&gt; 3

ataagaatgc ggccgcatgc gaccctccgg gacg

34

&lt;210&gt; 4

&lt;211&gt; 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer to amplify EGFR signal sequence

<400> 4

ggactagtct tttcctccag agcccg

26

<210> 5

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer to amplify 6 His and E-coil sequence

<400> 5

ctagctagcc atcaccacca tcatcac

27

<210> 6

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer to amplify 6 His and E-coil sequence

<400> 6

ccgctcgagt gatcctccac c

21

<210> 7

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer to amplify the transmembrane and  
cytoplasmic parts of EGFR

<400> 7

ccgctcgagc cgtccatcgc cactggg

27

<210> 8

<211> 26

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer to amplify the transmembrane and  
cytoplasmic parts of EGFR

<400> 8

cggatatctc atgtccaat aaattc

26

<210> 9

<211> 29

<212> DNA

<213> Artificial Sequence

<220>

<223> oligonucleotide containing a linker of 5 gly-ser  
and BamHI site

<400> 9

ggatctggat caggttcagg agtggatcc

29

<210> 10

<211> 27

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer to amplify K-coil sequence

<400> 10

cgcggatcca aggtatccgc tttaaag

27

<210> 11

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer to amplify K-coil sequence K3

<400> 11

cgcggatccc aattgttact ccttcagagc act

33

<210> 12

<211> 35

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer to amplify K-coil sequence K4

<400> 12

cgggatccca attgttattc cttcaaggct gacac

35

<210> 13

<211> 32

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer to amplify K-coil sequence K5

<400> 13

cgggatccca attgttactc tttaagtgtc ga

32

<210> 14

<211> 38

<212> DNA

<213> Artificial Sequence

7/9

&lt;220&gt;

&lt;223&gt; Primer to amplify CMV-FK4

&lt;400&gt; 14

accacaccag ctccagagcc taactgtaga ctaaatgc

38

&lt;210&gt; 15

&lt;211&gt; 38

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Primer to amplify CMV-FK4

&lt;400&gt; 15

gcatttagtc tacagttagg ctctggagct ggtgtggt

38

&lt;210&gt; 16

&lt;211&gt; 38

&lt;212&gt; DNA

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;223&gt; Primer to amplify mutated plasmid pE4-FK4m

&lt;400&gt; 16

accacaccag ctccagagcc taactgtaga ctaaatgc

38

&lt;210&gt; 17

<211> 38

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer to amplify mutated plasmid pE4-FK4m

<400> 17

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38

<210> 18

<211> 17

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 18

ccggtcctcc aactgtg

17

<210> 19

<211> 42

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer



<400> 19

cagtctccgc ggcagtcaca acctcctgtt tcctgtgtac cg

42

<210> 20

<211> 51

<212> DNA

<213> Artificial Sequence

<220>

<223> Primer

<400> 20

tgtgactgcc gcggagactg tttctgcgga ggtgacacaa ctccaagtgc a

51

<210> 21

<211> 33

<212> DNA

<213> Artificial Sequence

<220>

<223> primer

<400> 21

ggccaattgt tattattcct tcaaggctga cac

33